

**CLAIMS**

What is claimed is:

1        1.        A scanning method comprising:  
 2        displaying a host identifier (ID) for identifying a host computer;  
 3        receiving user input selecting the host ID;  
 4        scanning a document or image to generate scan data; and  
 5        transmitting the scan data to the host computer.

1        2.        The method of claim 1, where the host ID is displayed in response to  
 2        receiving user input requesting a scan.

1        3.        The method of claim 1, further comprising:  
 2        displaying a plurality of host identifiers.

1        4.        The method of claim 1, further comprising:  
 2        prior to displaying the host ID, receiving registration data containing the host ID  
 3        from the host computer; and  
 4        prior to scanning the image or document, transmitting a scanning request to the  
 5        host computer and receiving a scanning instruction from the host computer.

1        5.        The method of claim 1, where the host computer is a personal computer  
 2        (PC).

1        6.        The method of claim 1, where the method is implemented via a scanning  
 2        device.

1        7.        The method of claim 6, where the scanning device is coupled to the host  
 2        computer via a network.

1           8.     The method of claim 6, where the scanning device is coupled to the host  
2 computer via a direct connection.

1           9.     A scanning device for scanning to a host computer comprising:  
2 memory for storing a host identifier (ID);  
3 an image sensing module for scanning an image or document, where the scanning  
4 is used to generate scan data; and  
5 a display panel for displaying the host ID, where the scanning device transmits the  
6 scan data to the host computer that is identified by the host ID in response to receiving  
7 user input selecting the displayed host ID.

1           10.    The scanning device of claim 9, further comprising:  
2 means for transmitting a scanning request to the host computer; and  
3 means for receiving a scanning instruction from the host computer.

1           11.    The scanning device of claim 9, where the host computer is a personal  
2 computer (PC).

1           12.    The scanning device of claim 9, where the scanning device is coupled to  
2 the host computer via a network.

1           13.    The scanning device of claim 9, where the scanning device is coupled to  
2 the host computer via a direct connection.

1           14.    The scanning device of claim 9, where the image sensing module  
2 comprises a charge-coupled device (CCD) or a contact-image sensor (CIS).

1           15.    The scanning device of claim 9, where the scanning device is a flat-bed  
2 scanner, a sheet-fed scanner, or a multifunction device.

1           16.     A method for scanning comprising:  
2           transmitting a registration request to a scanning device;  
3           receiving a scanning request from the scanning device;  
4           transmitting a scanning instruction to the scanning device in response to receiving  
5     the scanning request;  
6           receiving scan data from the scanning device; and  
7           transmitting a request to the scanning device requesting a cancellation of  
8     registration.

1           17.     The method of claim 16, where the method is implemented via a host  
2     computer.

1           18.     The method of claim 17, where the registration request includes a host  
2     identifier (ID) for identifying the host computer.

1           19.     The method of claim 17, where the request for registration is transmitted in  
2     response to user input requesting registration with the scanning device, in response to the  
3     host computer powering up, in response to a user logging on to the host computer, or in  
4     response to a user logging on to a network to which the host computer is coupled.

1           20.     The method of claim 17, where the request for cancellation of registration  
2     is transmitted in response to user input requesting cancellation of registration, in response  
3     to the host computer powering down, in response to a user logging off from the host  
4     computer, or in response to a user logging off from a network to which the host computer  
5     is coupled.